

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Application Number	09/478,114
LIST OF PRIOR ART CITED BY APPLICANT		Filing Date	01/04/2000
		First Named Inventor	Joseph O. Norris
		Group Art Unit	2747-2644
		Examiner Name	LEE
Sheet 1 of 1		Attorney Docket Number	T4855.688

RECEIVED

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	AA	5,357,578	10/18/94	TANIISHI			Group 2700
RL	AB	4,593,160	06/03/86	NAKAMURA			
RL	AC	5,287,331	02/15/94	SHINDEL			
RL	AD	5,153,859	10/06/92	CHATIGNY			
RL	AE	4,672,591	06/09/87	BREIMESSER			
RL	AF	4,558,184	12/10/85	BUSCH-VISHNIAC			
RL	AG	4,439,642	03/27/84	REYNARD			
RL	AH	4,429,193	01/31/84	BUSCH-VISHNIAC			
RL	AI	4,887,246	12/12/89	HOSSACK ET AL			
RL	AJ	4,888,086	12/19/89	HOSSACK ET AL			
RL	AK	4,695,986	09/22/87	HOSSACK			
RL	AL	4,284,921	08/18/81	LEMONON ET AL			
RL	AM	4,064,375	12/20/77	RUSSELL ET AL			
RL	AN	5,700,359	12/23/97	BAUER			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

RL	AO		Aoki, K., et al., "Parametric Loudspeaker --Characteristics of Acoustic Field and Suitable Modulation of Carrier Ultrasound," Electronics and Communications in Japan, Part 3, Vol. 74, No. 9, pp. 76-82 (1991).				
RL	AP		Makarov, S.N., et al., "Parametric Acoustic Nondirectional Radiator," Acustica. Vol. 77, pp. 240-242 (1992).				
RL	AQ		Westervelt, P.J., "Parametric Acoustic Array, "The Journal of the Acoustical Society of America," Vol. 35, No. 4, pp. 535-537 (1963).				
RL	AR		Yoneyama, M., et al., "The Audio Spotlight: An Application of Nonlinear Interaction of Sound Waves to a New Type of Loudspeaker Design," J. Acoust. Soc. Am., Vol. 75, No. 5, pp. 1532-1536 (1983).				

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.